INTERNATIONAL SEARCH REPORT

Inter I Application No PC I / Er 2004/006887

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO7K14/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $\frac{7}{6}$ CO7K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No
P,X	WO 03/104263 A (POWER SCOTT D ; GENENCOR INT (US); HARDING FIONA A (US)) 18 December 2003 (2003-12-18) the whole document	1-4
A	WO 02/068469 A (MERCK PATENT GMBH ; CARTER GRAHAM (GB); CARR FRANCIS J (GB)) 6 September 2002 (2002-09-06)	1-11
X	page 11, lines 30-32; table 1 page 12, line 6; table 1	12-15 12-15
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		mily members are listed in annex.
"A" docume consid "E" earlier d filing d	ered to be of particular relevance cited to unde invention at the international ate.	t published after the international filing date te and not in conflict with the application but restand the principle or theory underlying the particular relevance; the claimed invention insidered novel or cannot be considered to

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 7 January 2005	Date of mailing of the international search report $02/02/2005$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Loubradou-Bourges, N

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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/Er2004/006887
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PARK HEUNGROK ET AL: "Identification of functionally important residues of human thrombopoietin" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 273, no. 1, 2 January 1998 (1998-01-02), pages 256-261, XP002312523 ISSN: 0021-9258 abstract; figure 1	1-15
A	PEARCE KENNETH H JR ET AL: "Mutational analysis of thrombopoietin for identification of receptor and neutralizing antibody sites" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 272, no. 33, 1997, pages 20595-20602, XP002312524 ISSN: 0021-9258 abstract; table 1	1-5
A	JAGERSCHMIDT ALEXANDRE ET AL: "Human thrombopoietin structure-function relationships: Identification of functionally important residues" BIOCHEMICAL JOURNAL, vol. 333, no. 3, 1 August 1998 (1998-08-01), pages 729-734, XP002234914 ISSN: 0264-6021 abstract; table 1	1-5
A	HOU JINZHAO ET AL: "Expression of active thrombopoietin and identification of its key residues responsible for receptor binding" CYTOKINE, vol. 10, no. 5, May 1998 (1998-05), pages 319-330, XP002312526 ISSN: 1043-4666 abstract	1-15

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